	Application No.	Applicant(s)
Notice of Allowability	10/039,603	NAJORK, MARC A.
	Examiner	Art Unit	
	Quang N Nguyen	2141	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *04 January 2002*.

2. ☒ The allowed claim(s) is/are *1-28*.

3. ☒ The drawings filed on *04 January 2002* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

Examiner's Amendment

1.   An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment maybe filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2.   Authorization for this Examiner's Amendment was given in a telephone interview with Mr. Richard Lang on February 4th, 2005.

3.   Please change claim 1 to:

A method for identifying a cloaked ~~remote system~~ <u>web server</u> comprising:

receiving from a ~~first remote system~~ <u>client computer</u> a representation of a first object, said first object returned by a ~~second remote system~~ <u>web server</u> to said ~~first remote system~~ <u>client computer</u> in response to a first request from said ~~first remote system~~ <u>client computer</u> for an object corresponding to a network address, said ~~second remote system~~ <u>web server</u> addressed by said network address;

receiving from the ~~second remote system~~ <u>web server</u> a second object in response to a second request for the object corresponding to said network address; <u>and</u>

comparing the representation of the first object to a representation of the second object, and determining that the ~~second remote system~~ <u>web server</u> is cloaked if said representation of the first object does not match said representation of the second object.

4.   Please change claim 2 to:

The method of claim 1, further comprising

sending to the ~~first remote system~~ <u>client computer</u> the network address prior to

receiving from the ~~first remote system~~ <u>client computer</u> the representation of the first

object.

5.   Please change claim 4 to:

The method of claim 2, further comprising

periodically sending one of a set of network addresses to the ~~first remote system~~

<u>client computer</u> according to a predefined schedule, the network address being selected

from said set of network addresses.

6.   Please change claim 5 to:

The method of claim 2, further comprising

receiving from the ~~first remote system~~ <u>client computer</u> a request for the network

address prior to sending the network address to the ~~first remote system~~ <u>client computer</u>.

7.   Please change claim 6 to:

The method of claim 2, further comprising

receiving from the ~~first remote system~~ <u>client computer</u> a request for search

engine services prior to sending the network address to the ~~first remote system~~ <u>client

computer</u>; and

sending to the ~~first remote system~~ <u>client computer</u> a response to the request for the search engine services, said response to the request for the search engine services including the network address.

8.   Please change claim 9 to:

The method of claim 7, further comprising

when the ~~second remote system~~ <u>web server</u> is determined to be cloaked, excluding from the response to the request network addresses addressing the ~~second remote system~~ <u>web server</u>.

9.   Please change claim 10 to:

The method of claim 6, wherein

the response to the request for search engine services includes an instruction directing the ~~first remote system~~ <u>client computer</u> to return the representation of the first object.

10.   Please change claim 13 to:

The method of claim 1, further comprising

maintaining a list of cloaked ~~remote systems~~ <u>web servers</u>; and

adding to the list of cloaked ~~remote systems~~ <u>web servers</u> the ~~second remote system~~ <u>web server</u> if the representation of the first object does not match the representation of the second object.

11.   Please change claim 23 to:

The computer system of claim 21, the instruction module further comprising

Instructions for excluding from the response to the request network addresses

addressing the ~~second remote system~~ web server when the ~~second remote system~~ web

server is determined to be cloaked.

12.   Please cancel claims 29-44 without traverse.

13.   Claims 1-28 are allowed.

14.   The following is an examiner's statement of reasons for allowance:

In interpreting the claims, in light of the specification, the Examiner finds the

claimed invention to be patentably distinct from the prior art of record.

Broder et al. (US 6,269,362), teach a computerized method for monitoring the

content of documents wherein entries are generated in the form of a full word index in a

search engine for each document and the search engine also maintains a first abstract

for each document that is indexed.   Periodically, a query is submitted to the search

engine to locate a result set of documents that satisfy the query and a second abstract

is generated for each document member of the result set. Then, the first and second

abstracts are compared to identify documents that have changed between time the set

of documents were indexed and the time the result set is generated (**Broder**, C1:L60 –

C2:L14 and C3: L31-41 and L55-62).

Snyder (US 6,643,641), teaches a search engine managing the indexing of web page contents and accepting user selection criteria to find and report hits that meet search criteria, wherein the search engine 20 of Fig. 1 has an associated web crawler 60 operable to store parameter information and associated addresses of the web pages as a database 62 in a storage medium 64 that is accessible to a search processor 78 that accepts the user criteria 54, prepares and sends search reports 80 including the URL addresses 82 of web pages meeting user criteria to the query submitting user 30 (**Snyder**, Fig. 1 and C8: L35-56).

The prior art of record teaches the claimed invention substantially, but it fails to teach or suggest individually or in combination that a method and system for identifying a cloaked web server comprising: _receiving from a client computer a representation of a first object, said first object returned by a web server to said client computer in response to a first request from said client computer for an object corresponding to a network address_, said web server addressed by said network address; _receiving from the web server a second object in response to a second request for the object corresponding to said network address_; and _comparing the representation of the first object to a representation of the second object, and determining that the web server is cloaked if said representation of the first object does not match said representation of the second object_ as set forth in independent claims 1, 14 and 28 in order to identify cloaked web servers which compromises search engine integrity and wastes user time by supplying an object that is highly relevant to common searches to search engines, but supplying an unrelated page to a user in response to object queries (see Specification, page 3,

lines 20-24 and page 4, lines 1-18). Claims 1-28 are allowed because of the combination of other limitations and the limitation listed above.

15.   Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Examiner's Amendment."

16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Nguyen whose telephone number is (571) 272-3886.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on (571) 272-3880. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DAVID WILEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100